

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S25	2	("6686046").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/21 15:12
S26	7	("5460817"   "5492646"   "5652316"   "6133047"   "6270903"   "6290988").PN. OR ("6686046"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 15:27
S27	0	S26 and (holographic or pearlescent or interference or multi\$1layered or "metal effect" or goniochromatic or "bismuth oxychloride" or biocl)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 15:28
S28	28549	pigment with (effect or holographic or pearlescent or interference or multi\$1layer\$2 or metal\$1effect or goniochromatic or "bismuth oxychloride" or biocl)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/21 15:34
S30	57133	pigment same (effect or holographic or pearlescent or interference or multi\$1layer\$2 or metal\$1effect or goniochromatic or "bismuth oxychloride" or biocl)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/21 15:35
S29	28	S28 and (polymer with (lcst or ucst))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/21 15:36
S31	35	S30 and (polymer with (lcst or ucst))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/21 15:37
S33	2	("7026051").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/22 09:05
S32	13	(pigment with (effect or holographic or pearlescent or interference or multi\$1layer\$2 or metal\$1effect or goniochromatic or "bismuth oxychloride" or biocl)) same (lcst or ucst)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 09:05

## EAST Search History

S35	0	S34 and (polymer with ("polyethylene oxide" or "vinyl ether" or cellulos\$2 or siloxane or polysiloxane or vinyl\$1caprolactam or (polyethylene near5 polypropylene)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 12:29
S34	2	("6176918").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/22 12:29
S39	8267	S36 and (polymer same ("polyethylene oxide" or "vinyl ether" or cellulos\$2 or siloxane or polysiloxane or vinyl\$1caprolactam or (polyethylene near5 polypropylene)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 12:42
S38	26	S37 and (polymer same ("polyethylene oxide" or "vinyl ether" or cellulos\$2 or siloxane or polysiloxane or vinyl\$1caprolactam or (polyethylene near5 polypropylene)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 12:42
S41	809	S39 and (polymer with coat\$3 with pigment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 12:43
S40	2312	S39 and (polymer same coat\$3 same pigment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 12:43
S37	35	S36 and (polymer\$2 with (ucst or lcst))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 12:44
S36	57155	pigment same (effect or holographic or pearlescent or interference or multi\$1layer\$2 or metal\$1effect or goniochromatic or "bismuth oxychloride" or biocl)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 12:44
S44	28	S43 and (polymer with (ucst or lcst))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 12:45

## EAST Search History

S42	26	S39 and (polymer with (ucst or lcst))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 12:45
S46	23	("20020048679"   "3393162"   "3884871"   "4127422"   "4173606"   "4250227"   "4851144"   "4900791"   "4946940"   "4959169"   "4965783"   "5021180"   "5451459"   "5460817"   "5492646"   "5652316"   "5972433"   "6133047"   "6159457"   "6270903"   "6290988"   "6686046").PN. OR ("7026051").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/22 12:47
S45	7	("5460817"   "5492646"   "5652316"   "6133047"   "6270903"   "6290988").PN. OR ("6686046").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/22 12:47
S43	28562	pigment with (effect or holographic or pearlescent or interference or multi\$1layer\$2 or metal\$1effect or goniochromatic or "bismuth oxychloride" or biocl)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 12:47
S47	7	S45 and (effect or holographic or pearlescent or interference or multi\$1layer\$2 or metal\$1effect or goniochromatic or "bismuth oxychloride" or biocl)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 12:48
S48	18	S46 and (effect or holographic or pearlescent or interference or multi\$1layer\$2 or metal\$1effect or goniochromatic or "bismuth oxychloride" or biocl)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 12:50
S49	8893	pigment same (multi\$1layer\$2 or effect or holographic or pearlescent or interference or goniochromatic or "bismuth oxychloride" or biocl) same (flake or substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/30 15:02
S52	2	("5563242").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/30 15:20
S51	5	("2004029144").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/30 15:20

## EAST Search History

S53	1049	S49 and (polymer\$2 same (peo or "polyethylene oxide" or "polyalkylene oxide" or ppo or "polypropylene oxide" or "vinyl ether" or vinyl\$1caprolactam or ethyl\$1hydroxyethyl\$1cellulose or isopropylacrylamide or polysiloxane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/30 15:24
S55	589	S53 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/30 15:25
S54	1519	S49 and (polymer\$2 same (peo or "polyethylene oxide" or polystyrene))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/30 15:25
S50	14	S49 and (polymer\$2 same (lcst or ucst))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/30 15:25
S58	7	("5460817"   "5492646"   "5652316"   "6133047"   "6270903"   "6290988").PN. OR ("6686046").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/30 15:29
S57	2	("6686046").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/30 15:29
S56	10	S55 and (lcst or ucst)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/30 15:29
S59	4	(("6114552") or ("4228261")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/31 08:34
S61	6	S60 and pigment	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 10:18

## EAST Search History

S60	32	("4157323"   "4177253"   "4206094"   "4329241"   "4490436"   "4628037"   "4871716"   "4971162"   "4981625"   "4985233"   "4988568"   "4996265"   "5043407"   "5076950"   "5091206"   "5106903"   "5110624"   "5328681"   "5411730"   "5648124").PN. OR ("6133047").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 10:18
S1	26973	pigment with (effect or holographic or pearlescent or interference or multi\$1layer\$2 or metal\$1effect or goniochromatic or "bismuth oxychloride" or biocl)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:21
S64	5296	pigment with (effect or holographic or pearlescent or interference or multi\$1layer\$2 or metal\$1effect or goniochromatic or "bismuth oxychloride" or biocl) with (titani\$2 or tio2 or iron or fe2o3 or fe3o4 or "carbon black" or "copper phthalocyanine")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:23
S6	26	S2 and (polymer with (polystyrene or "polyethylene oxide"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:24
S4	21	S2 and (polymer with ("polyethylene oxide" or "vinyl ether" or celluos\$2 or siloxane or polysiloxane or vinyl\$1caprolactam or (polyethylene near5 polypropylene)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:24
S3	5	S2 and (polymer with (lcst or ucst))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:25
S68	5727	pigment same (effect or holographic or pearlescent or interference or multi\$1layer\$2 or metal\$1effect or goniochromatic or "bismuth oxychloride" or biocl) same polymer\$2 same coat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:27
S71	606	S70 and (polymer with (polystyrene or "polyethylene oxide"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:28

## EAST Search History

S70	1609	S68 and (polymer\$2 same ("polyethylene oxide" or "vinyl ether" or celluos\$2 or siloxane or polysiloxane or vinyl\$1caprolactam or (polyethylene near5 polypropylene)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:28
S69	1508	S68 and (polymer same ("polyethylene oxide" or "vinyl ether" or celluos\$2 or siloxane or polysiloxane or vinyl\$1caprolactam or (polyethylene near5 polypropylene)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:28
S67	11	S66 and (polymer with (lcst or ucst))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:28
S66	429	S65 and (polymer with (polystyrene or "polyethylene oxide"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:28
S65	1032	S64 and (polymer with ("polyethylene oxide" or "vinyl ether" or celluos\$2 or siloxane or polysiloxane or vinyl\$1caprolactam or (polyethylene near5 polypropylene)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:28
S75	5	S68 and (polymer same ucst)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:30
S74	4	S71 and (polymer same ucst)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:30
S72	7	S71 and (polymer same (lcst or ucst))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:30
S77	25740	S76 and (pigment same (titani\$2 or tio2 or iron or fe2o3 or fe3o4 or "carbon black" or "copper phthalocyanine"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:33

## EAST Search History

S76	57282	pigment same (effect or holographic or pearlescent or interference or multi\$1layer\$2 or metal\$1effect or goniochromatic or "bismuth oxychloride" or biocl)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:33
S63	16917	S62 and (titani\$2 or tio2 or iron or fe2o3 or fe3o4 or "carbon black" or "copper phthalocyanine")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:33
S62	28638	pigment with (effect or holographic or pearlescent or interference or multi\$1layer\$2 or metal\$1effect or goniochromatic or "bismuth oxychloride" or biocl)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:33
S79	5	S77 and (polymer same ucst)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:36
S73	7	S71 and (polymer same lcst)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:36
S78	23	S77 and (polymer same lcst)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:37
S81	22	S62 and (polymer same "critical solution temperature")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:40
S80	20	S77 and (polymer same "critical solution temperature")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:40

## EAST Search History

S83	47	("4157323"   "4177253"   "4206094"   "4329241"   "4490436"   "4628037"   "4828623"   "4871716"   "4971162"   "4981625"   "4985233"   "4988568"   "4996265"   "5043407"   "5076950"   "5091206"   "5106903"   "5110624"   "5223034"   "5328681"   "5356471"   "5411730"   "5472491"   "5540770"   "5629400"   "5648124"   "5679147"   "5759255"   "5766335"   "5873934").PN. OR ("6133047"   "6176918").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 14:28
S82	4	(("6133047") or ("6176918")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/13 14:28
S84	19	S83 and pigment	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 14:37
S88	8113	S86 or S87	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 14:40
S92	1	S85 and "critical solubility temperature"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 14:42
S91	1	S87 and "critical solubility temperature"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 14:42
S90	1	S88 and "critical solubility temperature"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 14:42
S89	11	S88 and "critical solution temperature"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 14:43
S95	2	jp-10087390-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 14:49
S94	0	jp-10087390-\$.did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 14:49
S93	17	S85 and "critical solution temperature"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 14:49

## EAST Search History

S97	3020	S96 and (polymer\$2 same (vinylcaprolactam or ethyl\$1hydroxyethyl\$1cellulose or isopropylacrylamide or polysiloxane or "polyethylene oxide" or "polypropylene oxide"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/13 14:53
S96	31653	pigment same coat\$3 same polymer\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/13 14:53
S86	2955	S85 and (polymer\$2 same (vinylcaprolactam or ethyl\$1hydroxyethyl\$1cellulose or isopropylacrylamide or polysiloxane or "polyethylene oxide" or "polypropylene oxide"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 14:53
S85	25805	pigment same coat\$3 same polymer\$2	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 14:53
S99	3020	S97 or S98	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/13 14:54
S98	2137	S97 and (polymer\$2 same (polystyrene or "polyethylene oxide"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/13 14:54
S87	7279	S85 and (polymer\$2 same (polystyrene or "polyethylene oxide"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 14:54
S10 1	1	S99 and "critical solubility temperature"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/13 14:55
S10 0	10	S99 and "critical solution temperature"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/13 14:55

## EAST Search History

S10 2	43	S99 and (lcst or ucst)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/13 14:56
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